



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The first week of April consisted of gradually rising temperatures and periods of heavy rain. Wet conditions hampered prospective fieldwork throughout the week and caused flooding in some areas. Temperatures averaged 52 degrees, normal for this time of year. Total precipitation for the week was 3.46 inches, which was 2.44 inches above normal. **Topsoil moisture** was rated as 1 percent short, 25 percent adequate, and 74 percent surplus. **Subsoil moisture** was rated 2 percent short, 39 percent adequate, and 59 percent surplus. There were 1.5 days suitable for fieldwork. The main farming activity for the week was tobacco seeding as the weather did not permit other tasks.

TOBACCO: As of April 6, plant bed and greenhouse seeding was 73 percent complete. This was 4 percent below the previous year but 2 percent above the five year average. Emergence of transplants reached 38 percent, down 2 percent from last year but equal to the 5 year average.

CORN: Corn planting progress was adversely affected by the wet weather with 1 percent of intended acreage in the ground. This was down 21 percent from the previous year and down 11 percent from the 5 year average.

SMALL GRAINS: The average height for winter wheat was 10 inches. Winter wheat condition was rated 3 percent poor, 17 percent fair, 57 percent good, and 23 percent excellent. Barley condition was 3 percent poor, 8 percent fair, 53 percent good, and 36 percent excellent.

OTHER CROPS AND PASTURE: Early fruit crops are in relatively good shape with no freeze damage. Due to wet weather, first cutting of alfalfa has been delayed. Pasture condition was 11 percent very poor, 29 percent poor, 35 percent fair, 22 percent good, and 3 percent excellent.

CROP PROGRESS for week ending 04/06/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Tobacco Transplants				
Seeded	73	56	77	71
Emerged	38	NA	40	38
Corn Planted	1	NA	22	12

SOIL MOISTURE for week ending 04/06/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	1	25	74
Subsoil	0	2	39	59

CROP CONDITIONS for week ending 04/06/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Wheat	0	3	17	57	23
Barley	0	3	8	53	36
Pasture	11	29	35	22	3

KENTUCKY WEATHER SUMMARY, MARCH 31 – APRIL 6, 2008:

Above normal rainfall and normal temperatures.

Wet conditions continue as the Bluegrass State received above normal rainfall for the third week in a row. Showers and thunderstorms from a slow moving frontal boundary dropped copious amounts of rain across an already saturated Commonwealth, once again creating widespread flooding. Temperatures were right at normal yet again for the second week of Spring. The latest Palmer Drought Index holds the majority of the state in a VERY MOIST SPELL, with east Kentucky NEAR NORMAL hydrologic conditions.

Temperatures for the period averaged 52 degrees across the state which was 0 degrees from normal and 4 degrees above last week. High temperatures averaged from 60 in the West to 60 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 43 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from 1 degree above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 3.46 inches statewide which was 2.44 inches above normal. Rainfall totals by climate division, West 4.67 inches, Central 3.94 inches, Bluegrass 3.49 inches and East 2.18 inches, which was 3.58, 2.90, 2.53 and 1.19 inches respectively above normal. By station, precipitation totals ranged from a low of 1.31 inches at Bristol to a high of 5.69 inches at Nolin Lake.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 6, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	5.03	24.57	+13.32	59	50	69	34	52.3	-0
Berea	3.85	18.24	+7.34	54	48	69	35	53.1	+2
Bowling Green	4.10	17.43	+3.52	56	52	72	35	54.9	+2
Bristol	1.31	12.20	+1.17	56	50	74	42	55.4	+5
Buckhorn Lake	1.80	10.24	-1.98	56	50	65	35	51.8	+1
Cape Girardeau	5.42	30.65	+18.51	55	49	65	35	51.6	-3
Campbellsville	3.43	16.91	+3.43	56	49	69	34	51.5	-1
Covington	2.01	18.59	+8.32	54	47	67	33	50.1	-1
Cumberland Gap	3.21	11.80	-2.40	55	50	65	35	51.8	+1
Dix Dam	2.75	17.76	+6.20	54	48	67	35	51.0	+0
Evansville	3.24	24.37	+13.08	55	50	67	33	50.3	-4
Glasgow	4.75	17.66	+3.64	56	52	70	34	55.1	+3
Grayson	2.75	15.53	+5.64	55	50	69	36	50.8	-0
Hardinsburg	5.46	23.62	+10.79	58	50	68	36	51.2	-1
Henderson	5.42	26.94	+15.21	55	50	61	37	50.1	-5
Huntington	2.12	13.13	+3.30	54	47	72	37	53.4	+3
Jackson	2.10	11.94	-0.11	54	48	73	35	53.1	+2
Lexington	5.02	21.25	+10.00	54	47	65	35	51.3	+0
London	2.51	11.21	-1.07	56	50	71	36	54.9	+4
Louisville	5.38	21.87	+10.20	59	50	68	36	51.1	-1
Mayfield	3.71	20.70	+5.91	55	50	65	35	51.8	-3
Nashville	3.54	16.33	+3.20	56	52	72	40	55.4	+3
Nolin Lake	5.69	22.08	+9.15	59	50	67	35	52.1	-0
Paducah	5.43	22.16	+9.07	55	49	68	36	52.6	-2
Princeton	4.84	21.53	+7.40	54	43	70	34	52.9	-2
Quicksand	2.10	11.10	-0.95	55	50	65	35	51.8	+1
Somerset	3.70	15.69	+2.73	56	50	70	34	51.8	+1
Spindletop	3.96	20.12	+8.87	54	47	77	42	55.4	+4
Williamstown	3.12	24.14	+13.30	55	50	61	34	48.8	-2

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>